

CLAIMS

What is claimed is:

1. A voice broadcasting method on cellular phone's buttons, which comprises the steps of:

- 5 a. starting a message start unit while one of the cellular phone's buttons is pressed so as to acquire a relative signal of the pressed button;
- b. taking a corresponding voice data from a voice database according to the relative signal of the button;
- c. decompressing the voice data into an analogic voice message;
- 10 d. amplifying the power of the analogic voice message; and
- e. broadcasting the analogic voice message, which has been decompressed and whose power has been amplified, by a voice broadcasting unit.

15 2. The method of claim 1, wherein the relative signal of the pressed button in step (a) is generated when users press one of the cellular phone's buttons for dialing phone numbers or setting various functions.

 3. The method of claim 1, wherein the voice database in step (b) is a self-recording voice database which is stored in flash memory.

 4. The method of claim 1, wherein the voice database in step (b) is a built-in voice database which is stored in Mask ROM.

20 5. The method of claim 1, wherein step (c) utilizes a compressed/ decompressed circuit to proceed the decompressing action of the voice data.

 6. The method of claim 1, wherein step (d) utilizes a power amplifying IC to amplify

the power of the voice message.

7. The method of claim 1, wherein the voice broadcasting unit in step (e) is selected from the group comprising a built-in speaker, a voice-amplifying system for not holding receiver, a wired listening device, a headset and an earphone.

5 8. A voice broadcasting method on cellular phone's buttons, which comprises the steps of:

a. opening a voice broadcasting unit to receive a voice message from the cellular phone user;

b. amplifying the power of the voice message;

10 c. compressing the voice message into a digital voice signal; and

d. writing the digital voice signal into a self-recording voice database.

9. The method of claim 8, wherein step (a) utilizes a microphone to receive the voice message that the user want to record.

15 10. The method of claim 8, wherein step (b) utilizes a power amplifying IC to amply the power of the voice message.

11. The method of claim 8, wherein step (c) utilizes the compressing action of a compressed/ decompressed circuit to transform the voice message into the digital voice signal.

20 12. The method of claim 8, wherein the self-recording voice database in step (d) is stored in flash memory.